

For Research Use Only

# TCOF1 Recombinant antibody

Catalog Number: 84914-5-RR



## Basic Information

Catalog Number:

84914-5-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1447

GenBank Accession Number:

BC014559

GeneID (NCBI):

6949

UNIPROT ID:

Q13428

Full Name:

Treacher Collins-Franceschetti syndrome 1

Calculated MW:

97 kDa, 144 kDa, 152 kDa

Purification Method:

Protein A purification

CloneNo.:

242201F12

Recommended Dilutions:

IF/ICC 1:250-1:1000

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

TCOF1 also known as treacle, is a nucleolar protein with a LIS1 homology domain. TCOF1 is involved in ribosomal DNA gene transcription by interacting with upstream binding factor (UBF). Mutations in TCOF1 have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development(PMID: 31218872)

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

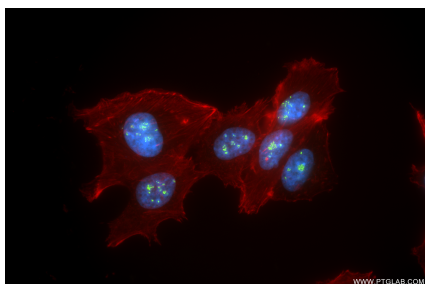
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

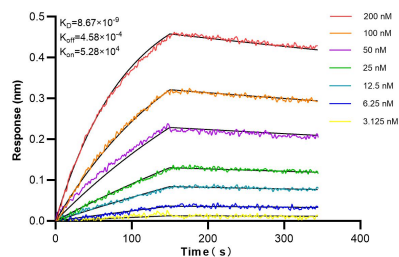
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TCOF1 antibody (84914-5-RR, Clone: 242201F12) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CLS94-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84914-5-RR against Human TCOF1 were performed. The affinity constant is 8.67 nM.